AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method of decoding a compression encoded video signal, the method comprising:

receiving compression encoded data representingative of a first frames of a video signal; and

examining said compression encoded data representative of the first frame to detect picture header data and picture data; and wherein

when an error in the picture header data of the first frame is detected, storing the picture data of the first frame in a temporary picture data store, receiving compression encoded data subsequent to the first frame, detecting a repeat of the picture header data of the first frame from within the compression encoded data subsequent to the first frame; and decoding the stored picture data using the repeated picture header data.

2. (Previously Presented) A method of decoding according to claim 1 wherein the step of detecting a repeat of picture header data comprises:

ascertaining whether the compression encoded data subsequent to the first frame relates to an entire frame of the video signal or to an incomplete part of a frame and detecting a repeat of picture header data of the first frame when the compression encoded data subsequent to the first frame relates to an incomplete part of a frame.

3. (Previously Presented) A method of decoding according to claim 1 wherein the step of detecting a repeat of picture header data comprises:

ascertaining whether the compression encoded data subsequent to the first frame includes picture header data and further data, which further data signifies that a frame of the video signal is unaltered with respect to a reference frame of the video signal and, if so, determining that a repeat of the picture header data of the first frame has been detected.

4. (Previously Presented) A method of decoding according to claim 1, wherein the step of detecting a repeat of picture header data is carried out each time data is stored in the temporary picture data store.

5. (Previously Presented) A method of decoding according to claim 1, wherein the step of detecting the repeated picture header data comprises examining the picture header data of a subsequent frame to determine whether the picture header data of the subsequent frame includes data relating to the picture header data of the first frame and, if so, detecting a repeat of the picture header data of the first frame.

6. (Previously Presented) A method of decoding according to claim 5, wherein the step of detecting the repeated picture header data of the first frame comprises examining Supplemental Enhancement Information (SEI) of the header of the subsequent frame.

7. (Currently Amended) A method of video encoding comprising:

receiving an uncompressed video signal to be compression encoded;

encoding data representing a first frame of said uncompressed video signal to form compression encoded data; and

repeating part, but not all, of said data representing the first frame within compression encoded data subsequent to the first frame, said repeated part including ~~the~~ picture header data for the first frame.

8. (Previously Presented) A method of encoding according to claim 7, wherein part of the data is repeated only for frames which are encoded in an INTRA-frame manner.

9. (Previously Presented) A method of encoding according to claim 7, wherein the repeated data comprises picture header data and a first segment of picture data of the first frame.

10. (Previously Presented) A method of encoding according to claim 7, wherein said repeated data consists of picture header data and an indicator that no picture data has altered since a previous frame.

11. (Previously Presented) A method of encoding according to claim 7, wherein the step of repeating picture header data comprises adding the repeated picture header data to the picture header data of a subsequent frame.

12. (Previously Presented) A method of encoding according to claim 11, wherein the repeated picture header data is included in the Supplemental Enhancement Information (SEI) of the subsequent frame.

13. (Currently Amended) A video encoder comprising:

an input for receiving an uncompressed video signal to be compression encoded;

means for compression encoding data representing a first frame of said uncompressed video signal to form compression encoded data; ~~and~~

the means for compression encoding data being arranged to repeat part, but not all, of said data representing the first frame within compression encoded data subsequent to the first frame, said repeated part including ~~the~~ picture header data for the first frame.

14. (Currently Amended) A video decoder for decoding a compression encoded video signal, the decoder comprising:

an input for receiving compression encoded data represent~~ing~~ative of a first frame~~s~~ of a video signal and compression encoded data subsequent to the first frame; and

decoding means for examining said compression encoded data representative of the first frame to detect picture header data and picture data;

said decoder being arranged to store the picture data of the first frame in a temporary picture data store when an error in the picture header data of the first frame is detected, to detect a repeat of the picture header data of the first frame from within the compression encoded data subsequent to the first frame, and to decode the stored picture data using the repeated picture header data.

15. (Original) A wireless communications device incorporating an encoder according to claim 13.

16. (Original) A wireless communications device incorporating a decoder according to claim 14.

17. (Currently Amended) A video codec comprising an encoder and decoder, the encoder comprising:

an input for receiving an uncompressed video signal to be compression encoded; and

means for compression encoding data representing a first frame of said uncompressed video signal to form compression encoded data;

the means for compression encoding data being arranged to repeat part, but not all, of said data representing the first frame within compression encoded data subsequent to the first frame, said repeated part including picture header data for the first frame;

the decoder comprising an input for receiving compression encoded data representingative of a first frame of a video signal and compression encoded data subsequent to the first frame; and

decoding means for examining said compression encoded data representative of the first frame to detect picture header data and picture data; and

said decoder being arranged to store the picture data of the first frame in a temporary picture data store when an error in the picture header data of the first frame is detected, to detect a repeat of the picture header data from within the compression encoded data subsequent to the first frame, and to decode the stored picture data using the repeated picture header data.

18-35. (Cancelled).

36. (Previously Presented) A decoder according to claim 14, wherein the decoder is arranged to ascertain whether the compression encoded data subsequent to the frame relates to an entire frame of the video signal or to an incomplete part of a frame, and to detect a repeat of picture header data of the first frame when the compression encoded data subsequent to the first frame relates to an incomplete part of a frame.

37. (Previously Presented) A decoder according to claim 14, wherein the decoder is arranged to ascertain whether the compression encoded data subsequent to the first frame includes picture header data and further data, which further data signifies that a frame of the video signal is unaltered with respect to a reference frame of the video signal and, if so, to determine that a repeat of the picture header data of the first frame has been detected.

38. (Previously Presented) A decoder according to claim 14, wherein the decoder is arranged to examine the picture header data of a subsequent frame to determine whether the picture header data of the subsequent frame includes data relating to the picture header data of the first frame and, if so, to detect a repeat of the picture header data of the first frame.

39. (Previously Presented) A decoder according to claim 38, arranged to detect repeated picture header data of a previous frame by examining Supplemental Enhancement Information (SEI) of the picture header of a subsequent frame.

40. (Previously Presented) An encoder according to claim 13, wherein the repeated data comprises picture header data and a first segment of picture data of the first frame.

41. (Previously Presented) An encoder according to claim 13, wherein said repeated data consists of picture header data and an indicator that no picture data has altered since a previous frame.

42. (Previously Presented) An encoder according to claim 13, wherein the encoder is arranged to repeat picture header data by adding the repeated picture header data to the picture header data of a subsequent frame.

43. (Previously Presented) An encoder according to claim 42, wherein the encoder is arranged to include the repeated picture header data in Supplemental Enhancement Information (SEI) of the subsequent frame.

44. (Currently Amended) A method of decoding according to claim 5, wherein the step of detecting the repeated picture header data ~~of the previous frame~~ comprises examining Supplemental Enhancement Information (SEI) of the header of a subsequent frame for a repeat of the picture header data of the ~~previous~~first frame excluding the picture start code for the first frame.

45. (Previously Presented) A method of encoding according to claim 12, wherein the repeated picture header data included in the Supplemental Enhancement

Information (SEI) of the subsequent frame excludes the picture start code for the first frame.

46. (Currently Amended) An encoder according to claim 43, wherein the repeated picture header data included in the Supplemental Enhancement Information (SEI) of the subsequent frame excludes the picture start code for the ~~previous~~ first frame.

47. (Currently Amended) A decoder according to claim 38, wherein the decoder is arranged to detect the repeated picture header data ~~of a previous frame~~ by examining Supplemental Enhancement Information (SEI) of the header of a subsequent frame for a repeat of the picture header data of the ~~previous~~first frame excluding the picture start code for the first frame.

48. (Previously Presented) A method of video decoding according to claim 1, comprising detecting a repeat of the picture header data when certain fields of the picture header data of the first frame are present in the picture header data of the subsequent frame.

49. (Previously Presented) A method of encoding according to claim 7, wherein repeating said data includes repeating certain fields of the picture header data of the first frame in the picture header data of a subsequent frame.

50. (Previously Presented) A video encoder according to claim 13, wherein the means for compression encoding data is arranged to repeat certain fields of the picture header data of the first frame in the picture header data of a subsequent frame.

51. (Previously Presented) A video decoder according to claim 38, arranged to detect a repeat of the picture header data when certain fields of the picture header data of the first frame are present in the picture header data of the subsequent frame.

52. (Previously Presented) A decoder according to clam 38, wherein the decoder is arranged to detect the repeated picture header data of the first frame by examining the Supplemental Enhancement Information (SEI) of the header of the subsequent frame.

53. (Previously Presented) An encoder according to claim 42, wherein the encoder is arranged to include the repeated picture header data in the Supplemental Enhancement Information (SEI) of the subsequent frame excluding the picture start code for the first frame.

54. (Currently Amended) A decoder according to claim 38, wherein the decoder is arranged to detect the repeated picture header data of the first frame by examining the Supplemental Enhancement Information (SEI) of the header of the subsequent frame for a repeat of the picture header data of the first frame excluding the picture start code for the first frame.